

Central and Camelback

Boundaries:

The site is bounded approximately by Missouri Avenue to the north, a line 100 feet east of Central Avenue to the east, Pierson Street to the south, and by a line 600 feet west of Central Avenue to the west.

Site History:

- The southwest corner source area (SCSA) portion of the Central and Camelback site was placed on the WQARF Registry in January 1999 due to the detection of tetrachloroethene (PCE) in the groundwater with concentrations found to be as high as 20,000 parts per billion (ppb) in the area. The eligibility and evaluation (E&E) score for placement on the WQARF Registry was 31 out of 120.
- In June 2000, the SCSA became listed as part of the Central and Camelback WQARF site with an E&E score of 32 out of 120.
- ADEQ initiated an early response action (ERA) for the SCSA portion of the site to remediate groundwater contamination and control the migration of contamination into an underground parking garage located on the southeast corner of Central and Camelback.
- The ERA consisted of the installation of five groundwater extraction wells which were completed in December 2001 and the construction of a groundwater remediation system which was completed in January 2003.

Site Status:

- The groundwater remediation system began pumping and treating contaminated groundwater at a rate of approximately 80 gallons per minute (gpm) on January 22, 2003. The treatment system is intended to remove volatile organic compounds (VOCs) by passing the contaminated groundwater through granular activated carbon (GAC). The treated water is discharged primarily to the SRP Grand Canal and, during canal dry-out periods, to the City of Phoenix sanitary sewer. Periodic sampling of the effluent is conducted to assure that the treated water complies with discharge standards.

Site Hydrogeology:

- The depth to groundwater in the area is between 40 and 50 feet below ground surface (bgs).
- Groundwater flow in the site area is to the north-northwest and is affected by pumping from the SRP wells and recharge supplied by leakage from the Grand Canal and irrigation laterals.

Contaminants:

The current contaminants of concern in groundwater include tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride. Contaminants of concern at the site may change as new data become available.

Other contaminants from past underground storage tank releases include: benzene, toluene, ethylbenzene, total xylenes, methyl tertiary butyl ether (MTBE), and 1,2-dichloroethane (1,2-DCA).

Public Health Impact:

There is no known public health impact to drinking water because there are no known drinking water wells within site boundaries.

Community Involvement Activities:

A community advisory board has been formed for this site and meets on a regular basis. These meetings are open to the public. The CAB meeting agendas and minutes can be viewed at <http://www.adeq.az.us/environ/waste/sps/reg.html>.

Information Repository:

Interested parties can review site information at the ADEQ main office located at 1110 West Washington Street, Phoenix. Site information is available for review Monday through Friday from 8 a.m. to 5 p.m. To arrange for a time to review the public site file, please call the ADEQ Records Center (602) 771-4378 or (800) 234-5677 (Arizona toll-free).

Contacts:

Name	Phone/Fax	E-mail
Tom Di Domizio, ADEQ Project Manager	(602) 771-4229*/ (602) 771-4272	didomizio.thomas@ev.state.az.us

*In Arizona, but outside the Phoenix area, call toll-free at (800) 234-5677.